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(54) TFT-EL display panel using organic electroluminiscent media

(57) A flat panel display comprising thin-film-transistor-electroluminescent (TFT-EL) pixels is described. An addressing scheme incorporating two TFTs and a storage capacitor is used to enable the EL pixels on the panel to operate at a duty factor close to 100%. This TFT-EL device eliminates the need to pattern the EL

cathode, thus greatly simplifying the procedure to delineate the EL pixels as well as ensuring high resolution. The TFT-EL panel consumes less power than conventional TFT-LCD panels, especially when the usage factor of the screen is less than unity.

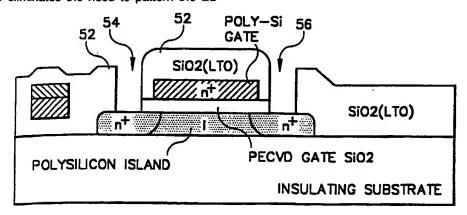


FIG. 5



EUROPEAN SEARCH REPORT

Application Number EP 95 11 9100

Category		dication, where appropriate,	Relevant	CLASSIFICATION OF THE
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				H01L G09G
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•	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the sear	1	Examiner
	THE HAGUE	14 April 1999	De	Laere, A
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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